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# ***STIC Search Report***

## ***EIC 2100***

**STIC Database Tracking Number: 127315**

**TO: Ting Zhou**  
**Location: 4C05**  
**Art Unit : 2173**  
**Wednesday, July 21, 2004**

**Case Serial Number: 09/994839**

**From: David Holloway**  
**Location: EIC 2100**  
**PK2-4B30**  
**Phone: 308-7794**

**david.holloway@uspto.gov**

### **Search Notes**

Dear Examiner Zhou,

Attached please find your search results for above-referenced case.  
Please contact me if you have any questions or would like a re-focused search.

David

SEARCH REQUEST FORM

52

Scientific and Technical Information Center

Requester's Full Name: Ting Zhou Examiner #: 79946 Date: 7/15/2004  
Art Unit: 2173 Phone Number 305-0328 Serial Number: 09/994,839  
Mail Box and Bldg/Room Location: CPK2-4C05 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Method for displaying manual of video apparatus and apparatus <sup>therefor</sup>  
Inventors (please provide full names): Jae Kyung Lee, Daekun

Earliest Priority Filing Date: 11/29/2000

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

method where when a user selects a key <sup>to display a manual</sup> as input, displaying an enlarged view of a part of ~~the~~ video apparatus and its connections to external devices.

\*\*\*\*\*

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Dan Hollway</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>308-7794</u>	AA Sequence (#) _____	Dialog <u>✓</u>
Searcher Location: <u>CPK2-4870</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>7-22-04</u>	Bibliographic <u>✓</u>	Dr. Link _____
Date Completed: <u>7-21-04</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>60</u>	Fulltext <u>✓</u>	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet <u>✓</u>
Online Time: <u>180</u>	Other _____	Other (specify) _____

20/5/8 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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5955115 INSPEC Abstract Number: C9808-6150E-003

**Title: The wonders and wizards of Windows installation utilities**

Author(s): Ellerin, S.

Journal: EMedia Professional vol.10, no.10 p.78-81, 83-4, 86, 88-90

Publisher: Online Inc,

Publication Date: Oct. 1997 Country of Publication: USA

CODEN: EMPRFN ISSN: 1090-946X

SICI: 1090-946X(199710)10:10L:78:WWWI;1-C

Material Identity Number: F339-98009

U.S. Copyright Clearance Center Code: 1090-946X/97/\$2.00+00.20

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: Conventional wisdom has it that picking an installation program is a matter of juggling trade-offs-if a program is powerful, it must have a learning curve like an Olympic ski jump and require a PhD in engineering to use; on the other hand, any program that is easy to use must be too wimpy to pull itself out of bed in the morning. The latest batch of installation programs, however, will destroy these cherished myths-even the most powerful programs now support **wizards** and sport **GUI** interfaces, and even the easiest to use now produce relatively sophisticated installations. The following Windows installation utility programs are reviewed: WISE Installation System 5.0; Visual Release with Instalit; Setup Factory 4.0; Install Shield 5; Installer VISE; and **Set - Up Wizard**. (0 Refs)

Subfile: C

Descriptors: computer installation; graphical user interfaces; software reviews; utility programs

Identifiers: Windows installation utilities; installation program; wizards; GUI interfaces; sophisticated installations; Windows installation utility programs; WISE Installation System 5; Visual Release with Instalit; Setup Factory 4; Install Shield 5; Installer VISE; **Set - Up Wizard**

Class Codes: C6150E (General utility programs); C6180G (Graphical user interfaces)

Copyright 1998, IEE

20/5/11 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

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4480090 INSPEC Abstract Number: C9310-7480-048

**Title:** Assembly operation instruction system

**Author(s):** Furukawa, K.; Etoh, H.; Sada, S.

**Journal:** Takaoka Review vol.40, no.2 p.49-52

**Publication Date:** 1993 **Country of Publication:** Japan

**CODEN:** TAKREA **ISSN:** 0385-9630

**Language:** Japanese **Document Type:** Journal Paper (JP)

**Treatment:** Applications (A); Practical (P)

**Abstract:** The authors developed an 'assembly operation instruction system' for the assembly line of their information system plant through the use of a natural picture file system (VF-1000). The system can display natural pictures input from a video camera. Assembly instructions can be retrieved easily. Documentation of assembly operation is easy. (0 Refs)

**Subfile:** C

**Descriptors:** assembling; DP industry; production engineering computing; video cameras; visual databases

**Identifiers:** assembly operation instruction system; natural picture file system; video camera

**Class Codes:** C7480 (Production engineering); C6160S (Spatial and pictorial databases)

20/5/14 (Item 9 from file: 2)

DIALOG(R) File 2:INSPEC

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03556692 INSPEC Abstract Number: C90015792

**Title: HONE: a development of the expert configurator paradigm**

Author(s): Wilson, J.N.

Author Affiliation: Dept. of Comput. Sci., Strathclyde Univ., Glasgow, UK

Conference Title: ESD/SMI Expert Systems Proceedings p.351-63

Publisher: Eng. Soc. Detroit, Detroit, MI, USA

Publication Date: 1988 Country of Publication: USA 412 pp.

Conference Date: 12-14 April 1988 Conference Location: Detroit, MI,

USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

**Abstract:** The manufacture of complex, low volume items such as minicomputer systems is not compatible with organization by job design specification. The movement to just-in-time manufacture also creates difficulties in the organization of assembly operations. The aim of this project is to apply artificial intelligence principles to the generation of step-by-step **graphical assembly instructions** from lists of system components. The major objective is to enable the engineers who possess the domain knowledge to formulate it in such a way that it can be used directly by the knowledge-based system to provide instructions to shop-floor operators. The system represents a major benefit to shop-floor personnel. It provides an optimum number of graphic-based **instructions** for each **assembly** task. The knowledge-based system was developed in association with Honeywell-Bull Ltd. to extend the utility configuring systems in an engineering environment. (9 Refs)

Subfile: C

Descriptors: expert systems; manufacturing data processing

Identifiers: HONE; expert configurator paradigm; minicomputer systems; just-in-time manufacture; assembly operations; artificial intelligence; step-by-step **graphical assembly instructions** ; shop-floor operators; graphic-based instructions; Honeywell-Bull; configuring systems; engineering environment

Class Codes: C7160 (Manufacturing and industry); C6170 (Expert systems)

Set	Items	Description
S1	2466455	HELP? OR ASSIST? OR WIZARD? OR MANUAL OR MANUALS OR GUIDE? OR INSTRUCT? OR HOW() "TO"
S2	2229301	CONNECTION? OR PORT OR PORTS OR JACK OR JACKS OR INPUT? OR OUTPUT? OR (IN OR OUT)() (PUT OR PUTS) OR CABLE() CONNECTION? OR SETUP? OR (SET OR SETTING OR SETS)() UP
S3	3136331	SCREENSHOT? OR IMAGE? OR PICTURE? OR GRAPHIC? OR SCREENCAP? OR SCREEN() (SHOT? OR CAP?) OR DRAWING? OR DIAGRAM?
S4	743635	KEY? ? OR BUTTON? OR REMOTE() CONTROL? OR KEYPAD?
S5	608462	TELEVISION? OR HOME() (THEATRE? OR THEATER? OR ENTERTAINMEN- T() (CENTER? OR CENTRE?)) OR VCR OR DVD() PLAYER? OR VIDEO
S6	78449	(DISPLAY? OR SHOW OR SHOWS OR SHOWING OR SHOWED OR VIEW?) (- 2N) (AREA? OR ASPECT? OR BACK? OR FRONT? OR S2)
S7	11203	S1(2N) (ASSEMBL? OR SETUP? OR (SET OR SETS OR SETTING)() UP - OR CONNECT? OR WIRING OR CABLE?)
S8	830	(ONSCREEN? OR ON() SCREEN OR INTERACTIV? OR GUI OR GRAPHICAL- ) (2N) (HELP? OR WIZARD? OR INSTRUCTION? OR HOW() "TO")
S9	3138529	ASSEMBL? OR (FRONT OR REAR)() VIEW? OR HARDWARE? OR CABLING OR CONNECTION? OR INPUT OR OUTPUT? OR JACK? OR PORT OR PORTS - OR SETUP OR (SET OR SETTING OR SETS)() UP
S10	178	S1 AND S2 AND S3 AND S4 AND S5
S11	0	S6 AND S7 AND S8
S12	16	S7 AND S8
S13	3	S5 AND S6 AND S7
S14	173	S10 AND S9
S15	54432	S1(4N) (S2 OR S3)
S16	26	S14 AND S15
S17	45	S12 OR S13 OR S16
S18	42	RD (unique items)
S19	33	S18 NOT PY>2000
S20	33	S19 NOT PD>20001129
File	8:	Ei Compendex(R) 1970-2004/Jul W2 (c) 2004 Elsevier Eng. Info. Inc.
File	35:	Dissertation Abs Online 1861-2004/May (c) 2004 ProQuest Info&Learning
File	202:	Info. Sci. & Tech. Abs. 1966-2004/Jul 12 (c) 2004 EBSCO Publishing
File	65:	Inside Conferences 1993-2004/Jul W3 (c) 2004 BLDSC all rts. reserv.
File	2:	INSPEC 1969-2004/Jul W2 (c) 2004 Institution of Electrical Engineers
File	94:	JICST-EPlus 1985-2004/Jun W4 (c) 2004 Japan Science and Tech Corp(JST)
File	111:	TGG Natl. Newspaper Index(SM) 1979-2004/Jul 19 (c) 2004 The Gale Group
File	233:	Internet & Personal Comp. Abs. 1981-2003/Sep (c) 2003 EBSCO Pub.
File	6:	NTIS 1964-2004/Jul W3 (c) 2004 NTIS, Intl Cpyrght All Rights Res
File	144:	Pascal 1973-2004/Jul W2 (c) 2004 INIST/CNRS
File	34:	SciSearch(R) Cited Ref Sci 1990-2004/Jul W2 (c) 2004 Inst for Sci Info
File	99:	Wilson Appl. Sci & Tech Abs 1983-2004/Jun (c) 2004 The HW Wilson Co.

Set	Items	Description
S1	68544	AU=(LEE J? OR LEE, J?)
S2	2149	S1 AND (HELP? OR MANUAL? OR INSTRUCTION? OR ASSIST? OR WIZ-ARD?)
S3	94	S2 AND (VIDEO OR TELEVIS? OR TELLY OR VIDEOS OR MULTIMEDIA? OR MULTI()MEDIA? OR DVD OR VCR)
S4	39	S3 AND (IMAGE? OR GRAPHIC? OR SCREEN() (SHOT? OR CAP OR CAP-TURE?) OR SCREENCAP? OR PICTURE? OR JPG OR JPEG? OR STILL)
S5	36	RD (unique items)
File	2:INSPEC 1969-2004/Jul W2	(c) 2004 Institution of Electrical Engineers
File	6:NTIS 1964-2004/Jul W3	(c) 2004 NTIS, Intl Cpyrght All Rights Res
File	8:EI Compendex(R) 1970-2004/Jul W2	(c) 2004 Elsevier Eng. Info. Inc.
File	34:SciSearch(R) Cited Ref Sci 1990-2004/Jul W2	(c) 2004 Inst for Sci Info
File	35:Dissertation Abs Online 1861-2004/May	(c) 2004 ProQuest Info&Learning
File	65:Inside Conferences 1993-2004/Jul W3	(c) 2004 BLDSC all rts. reserv.
File	94:JICST-EPlus 1985-2004/Jun W4	(c)2004 Japan Science and Tech Corp(JST)
File	148:Gale Group Trade & Industry DB 1976-2004/Jul 20	(c)2004 The Gale Group
File	636:Gale Group Newsletter DB(TM) 1987-2004/Jul 20	(c) 2004 The Gale Group
File	275:Gale Group Computer DB(TM) 1983-2004/Jul 20	(c) 2004 The Gale Group
File	647:CMP Computer Fulltext 1988-2004/Jul W2	(c) 2004 CMP Media, LLC
File	674:Computer News Fulltext 1989-2004/Jun W4	(c) 2004 IDG Communications



Set	Items	Description
S1	34290	AU=(LEE J? OR LEE, J?)
S2	320	S1 AND IC=G09G?
S3	12	S2 AND (HELP? OR MANUAL? OR INSTRUCTION? OR ASSIST? OR WIZ-ARD?)
S4	63	S2 AND (VIDEO OR TELEVIS? OR TELLY OR VIDEOS OR MULTIMEDIA? OR MULTI()MEDIA? OR DVD OR VCR)
S5	5	S3 AND S4
S6	5	IDPAT (sorted in duplicate/non-duplicate order)
S7	5	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Nov 1976-2004/Mar(Updated 040708)  
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File 348:EUROPEAN PATENTS 1978-2004/Jul W02  
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File 349:PCT Fulltext 1979-2002/UB=20040708,UT=20040701  
(c) 2004 WIPO/Univentio

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200445  
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7/5/1 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014777404 \*\*Image available\*\*  
WPI Acc No: 2002-598110/200264  
XRPX Acc No: N02-474283

Television manual display method involves graphically displaying  
manual of predetermined portion, based on manual selection key signal  
Patent Assignee: LG ELECTRONICS INC (GLDS )

Inventor: LEE J G ; LEE J K  
Number of Countries: 002 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020063730	A1	20020530	US 2001994839	A	20011128	200264 B
KR 2002041948	A	20020605	KR 200071619	A	20001129	200277
KR 379438	B	20030411	KR 200071619	A	20001129	200353

Priority Applications (No Type Date): KR 200071619 A 20001129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020063730	A1		7	G09G-005/00	
KR 2002041948	A			H04N-005/44	
KR 379438	B			H04N-005/44	Previous Publ. patent KR 2002041948

Abstract (Basic): US 20020063730 A1

NOVELTY - The manual of a predetermined portion of the  
television is graphically displayed, based on the manual selection  
key signal received from a remote controller.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for  
television manual display apparatus.

USE - For displaying television manual .

ADVANTAGE - Enables the user to easily and correctly understand the  
usage of the television .

DESCRIPTION OF DRAWING(S) - The figure shows manuals displayed on  
a screen.

pp; 7 DwgNo 2/3

Title Terms: TELEVISION ; MANUAL ; DISPLAY; METHOD; GRAPHICAL; DISPLAY;  
MANUAL ; PREDETERMINED; PORTION; BASED; MANUAL ; SELECT; KEY; SIGNAL

Derwent Class: P85; W03

International Patent Class (Main): G09G-005/00 ; H04N-005/44

File Segment: EPI; EngPI

Set	Items	Description
S1	547921	HELP? OR ASSIST? OR WIZARD? OR MANUAL? OR INSTRUCT? OR HOW- ( ) "TO"
S2	878807	CONNECTION? OR PORT OR PORTS OR JACK OR JACKS OR INPUT? OR OUTPUT? OR (IN OR OUT) ( ) (PUT OR PUTS) OR CABLE ( ) CONNECTION? OR SETUP? OR (SET OR SETTING OR SETS) ( ) UP
S3	1209852	SCREENSHOT? OR IMAGE? OR PICTURE? OR GRAPHIC? OR SCREENCAP? OR SCREEN ( ) (SHOT? OR CAP?) OR DRAWING? OR DIAGRAM?
S4	230364	KEY? ? OR BUTTON? OR REMOTE ( ) CONTROL? OR KEYPAD?
S5	138953	TELEVISION? OR HOME ( ) (THEATRE? OR THEATER? OR ENTERTAINMEN- T ( ) (CENTER? OR CENTRE?)) OR VCR OR DVD ( ) PLAYER? OR VIDEO
S6	482	S1(10N)S2(10N)S3(10N)S4(10N)S5
S7	207930	(DISPLAY? OR SHOW OR SHOWS OR SHOWING OR SHOWED OR VIEW?) (- 2N) (AREA? OR ASPECT? OR BACK? OR FRONT? OR S2)
S8	16971	S1(2N) (ASSEMBL? OR SETUP? OR (SET OR SETS OR SETTING) ( ) UP - OR CONNECT? OR WIRING OR CABLE?)
S9	6	S6(10N)S7(10N)S8
S10	25	S5(10N) (S7 OR ONSCREEN?) (S)S8
S11	27	S10 OR S9
S12	17	S6 AND IC=G09G?
S13	4	S12(S) (S7 OR S8)
S14	31	S11 OR S13
S15	31	IDPAT (sorted in duplicate/non-duplicate order)
S16	31	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2004/Jul W02  
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File 349:PCT Fulltext 1979-2002/UB=20040708,UT=20040701  
(c) 2004 WIPO/Univentio

Set	Items	Description
S1	547921	HELP? OR ASSIST? OR WIZARD? OR MANUAL? OR INSTRUCT? OR HOW- ( ) "TO"
S2	878807	CONNECTION? OR PORT OR PORTS OR JACK OR JACKS OR INPUT? OR OUTPUT? OR (IN OR OUT) ( ) (PUT OR PUTS) OR CABLE ( ) CONNECTION? OR SETUP? OR (SET OR SETTING OR SETS) ( ) UP
S3	1209852	SCREENSHOT? OR IMAGE? OR PICTURE? OR GRAPHIC? OR SCREENCAP? OR SCREEN ( ) (SHOT? OR CAP?) OR DRAWING? OR DIAGRAM?
S4	230364	KEY? ? OR BUTTON? OR REMOTE ( ) CONTROL? OR KEYPAD?
S5	138953	TELEVISION? OR HOME ( ) (THEATRE? OR THEATER? OR ENTERTAINMEN- T ( ) (CENTER? OR CENTRE?)) OR VCR OR DVD ( ) PLAYER? OR VIDEO
S6	482	S1 (10N) S2 (10N) S3 (10N) S4 (10N) S5
S7	207930	(DISPLAY? OR SHOW OR SHOWS OR SHOWING OR SHOWED OR VIEW?) (- 2N) (AREA? OR ASPECT? OR BACK? OR FRONT? OR S2)
S8	16971	S1 (2N) (ASSEMBL? OR SETUP? OR (SET OR SETS OR SETTING) ( ) UP - OR CONNECT? OR WIRING OR CABLE?)
S9	6	S6 (10N) S7 (10N) S8
S10	25	S5 (10N) (S7 OR ONSCREEN?) (S) S8
S11	27	S10 OR S9
S12	17	S6 AND IC=G09G?
S13	4	S12 (S) (S7 OR S8)
S14	31	S11 OR S13
S15	31	IDPAT (sorted in duplicate/non-duplicate order)
S16	31	IDPAT (primary/non-duplicate records only)
S17	574	(ONSCREEN? OR ON ( ) SCREEN OR INERACTIV? OR GUI OR GRAPHICAL- ) (2N) (HELP? OR WIZARD? OR INSTRUCTION? OR HOW ( ) "TO")
S18	1	S5 (10N) S17 (10N) S7
S19	57	S17 (S) S5
S20	8	S19 (S) S7
S21	5	S20 NOT S16
S22	5	IDPAT (sorted in duplicate/non-duplicate order)
S23	5	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2004/Jul W02

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File 349:PCT Fulltext 1979-2002/UB=20040708,UT=20040701

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23/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00787366

**Apparatus and method for displaying multiple sample spacing waveform segments**

**Apparat und Verfahren zur Darstellung von mehreren Wellenform-Segmenten mit unterschiedlichen Messpunktabständen**

**Appareil et methode pour l'affichage d'une multitude de segments de forme d'onde a espaces d'echantillonnage differents**

PATENT ASSIGNEE:

Tektronix, Inc., (1893635), 14200 S.W. Karl Braun Drive, P.O. Box 500,  
Beaverton, OR 97077, (US), (Proprietor designated states: all)

INVENTOR:

Harcourt, Matthew S., 629 NW Saginaw Avenue, Bend, Oregon 97701, (US)

LEGAL REPRESENTATIVE:

Lawrence, Malcolm Graham et al (47878), Hepworth, Lawrence, Bryer &  
Bizley Merlin House Falconry Court Baker's Lane, Epping Essex CM16 5DQ,  
(GB)

PATENT (CC, No, Kind, Date): EP 733893 A2 960925 (Basic)  
EP 733893 A3 981111  
EP 733893 B1 021106

APPLICATION (CC, No, Date): EP 96301969 960320;

PRIORITY (CC, No, Date): US 407722 950320

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G01M-011/00

ABSTRACT WORD COUNT: 264

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1844
CLAIMS B	(English)	200245	1881
CLAIMS B	(German)	200245	1535
CLAIMS B	(French)	200245	2332
SPEC A	(English)	EPAB96	12864
SPEC B	(English)	200245	12864
Total word count - document A			14712
Total word count - document B			18612
Total word count - documents A + B			33324

...SPECIFICATION 90, for starting and stopping waveform acquisitions, turning the instrument on and off, and providing on screen help . The display device 60 includes a display area 92 having a 640 x 480 pixel array. This array corresponds to one video frame in the video display memory The display area 92 shows a waveform trace 94 representative of the acquired waveform data segments from the DAS 14...

...horizontal and vertical scales, respectively numbered 96 and 98, are provided as well as an area 100 for displaying information describing the functionality of the softkeys 82 and areas 102, 104 and 105 for displaying the instrument set - up and information relating to measurement values, distances and the like. The portion of the display area 92 designated for the waveform trace 94 has an approximate 350 X 500 pixel array...

...SPECIFICATION 90, for starting and stopping waveform acquisitions, turning the instrument on and off, and providing on screen help . The display device 60 includes a display area 92 having a 640 X 480 pixel array. This array corresponds to one video frame in the video display memory. The display area 92 shows a waveform trace 94 representative of the acquired waveform data segments from the DAS 12...

16/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01602611

Graphical user interface for a motion video planning and editing system for a computer

Graphische Benutzerschnittstete fur Bewegtvideoplan- und -schnittsystem fur einen Rechner

Interface graphique utilisateur pour systeme de montage et de planification de videos animees sur ordinateur

PATENT ASSIGNEE:

AVID TECHNOLOGY, INC., (1306173), Avid Technology Park, One Park West, Tewksbury, MA 01876, (US), (Applicant designated States: all)

INVENTOR:

Foreman, Kevin J., 45 Rosemont Drive, North Andover, MA 01845, (US)  
Leblanc, Darrell N., 850 E. Central Avenue, Morgan Hill, CA 95037, (US)  
Granger, Brett D., 101 Russells Way, Westford, MA 01886, (US)  
Cavero-Belaunde, Ivan M., 955 Massachusetts Avenue 210, Cambridge, MA 02139, (US)

LEGAL REPRESENTATIVE:

Kazi, Ilya et al (861111), Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL, (GB)

PATENT (CC, No, Kind, Date): EP 1326248 A2 030709 (Basic)  
EP 1326248 A3 040630

APPLICATION (CC, No, Date): EP 2002028761 970725;

PRIORITY (CC, No, Date): US 687926 960729; US 691985 960802

DESIGNATED STATES: DE; FR; GB; IT; NL

RELATED PARENT NUMBER(S) - PN (AN):

EP 916136 (EP 97935117)

INTERNATIONAL PATENT CLASS: G11B-027/034; G06F-003/033; G11B-027/34

ABSTRACT WORD COUNT: 152

NOTE:

Figure number on first page: 15

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200328	942
SPEC A	(English)	200328	8370
Total word count - document A			9312
Total word count - document B			0
Total word count - documents A + B			9312

...SPECIFICATION data into the computer system, is shown in Fig. 8. The interface for capturing motion **video** into the computer includes a **display area** 120, which **displays** motion **video** information currently being received by the computer as an input. For example, a user may...

...as an input device through a video capture board to the computer system. If no **video** is available, the **display area** 120 can convey an **instruction** to **connect** a **video** source to the computer. A control 122 controls recording of the received motion video information...

...of audio information may be muted using selection area 130. A display region 132 also **displays** available disk **area** as a function of time of **video** information which can be captured. In this example, it is assumed that roughly 27.7k...

7/9/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

014777404 \*\*Image available\*\*  
WPI Acc No: 2002-598110/200264  
XRPX Acc No: N02-474283

Television manual display method involves graphically displaying  
manual of predetermined portion, based on manual selection key signal  
Patent Assignee: LG ELECTRONICS INC (GLDS )

Inventor: LEE J G ; LEE J K  
Number of Countries: 002 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020063730	A1	20020530	US 2001994839	A	20011128	200264 B
KR 2002041948	A	20020605	KR 200071619	A	20001129	200277
KR 379438	B	20030411	KR 200071619	A	20001129	200353

Priority Applications (No Type Date): KR 200071619 A 20001129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020063730	A1		7	G09G-005/00	
KR 2002041948	A			H04N-005/44	
KR 379438	B			H04N-005/44	Previous Publ. patent KR 2002041948

Abstract (Basic): US 20020063730 A1

NOVELTY - The **manual** of a predetermined portion of the  
**television** is graphically displayed, based on the **manual** selection  
key signal received from a remote controller.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for  
**television manual** display apparatus.

USE - For displaying **television manual** .

ADVANTAGE - Enables the user to easily and correctly understand the  
usage of the **television** .

DESCRIPTION OF DRAWING(S) - The figure shows **manuals** displayed on  
a screen.

pp; 7 DwgNo 2/3

Title Terms: **TELEVISION** ; **MANUAL** ; DISPLAY; METHOD; GRAPHICAL; DISPLAY;  
**MANUAL** ; PREDETERMINED; PORTION; BASED; **MANUAL** ; SELECT; KEY; SIGNAL

Derwent Class: P85; W03

International Patent Class (Main): G09G-005/00 ; H04N-005/44

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): W03-A18A9

Set	Items	Description
S1	523869	HELP? OR ASSIST? OR WIZARD? OR MANUAL? OR INSTRUCT? OR HOW- ( ) "TO"
S2	3831406	CONNECTION? OR PORT OR PORTS OR JACK OR JACKS OR INPUT? OR OUTPUT? OR (IN OR OUT) ( ) (PUT OR PUTS) OR CABLE()CONNECTION? OR SETUP? OR (SET OR SETTING OR SETS) ( ) UP
S3	4069618	SCREENSHOT? OR IMAGE? OR PICTURE? OR GRAPHIC? OR SCREENCAP? OR SCREEN() (SHOT? OR CAP?) OR DRAWING? OR DIAGRAM?
S4	394134	KEY? ? OR BUTTON? OR REMOTE()CONTROL? OR KEYPAD?
S5	667919	TELEVISION? OR HOME() (THEATRE? OR THEATER? OR ENTERTAINMEN- T() (CENTER? OR CENTRE?)) OR VCR OR DVD()PLAYER? OR VIDEO
S6	791	S1 AND S2 AND S3 AND S4 AND S5
S7	145128	S3(2N)S2
S8	138	S6 AND S7
S9	12	S8 AND IC=G09G?
S10	0	S8 AND MC=(W03-A18A9)
S11	97	S8 AND IC=H04N?
S12	27	S6 AND MC=(W03-A18?)
S13	14	S6 AND MC=W03-A18A?
S14	39	S9 OR S12 OR S13
S15	1871540	(PORTION? OR VIEW? OR ASPECT? OR SECTION? OR AREA? OR FRON- T? OR BACK? OR S2) (2N) (DISPLAY? OR SHOW? OR VIEW? OR S3)
S16	337	S15 AND S6
S17	228	S16 AND IC=(G09G? OR H04N?)
S18	2130	S5(3N)S1
S19	20	S17 AND S18
S20	45	S19 OR S9 OR S13
S21	45	IDPAT (sorted in duplicate/non-duplicate order)
S22	45	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Nov 1976-2004/Mar(Updated 040708)  
(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200445  
(c) 2004 Thomson Derwent



22/5/20 (Item 20 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

011783231 \*\*Image available\*\*  
WPI Acc No: 1998-200141/199818  
XRPX Acc No: N98-159192

**On-screen display unit for electronic device such as colour TV image receiver, video apparatus - has remote control part for controlling display based on menu-screen controlled by screen synthesis part, to display application page of description**

Patent Assignee: TOSHIBA KK (TOKE )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10051708	A	19980220	JP 96199028	A	19960729	199818 B

Priority Applications (No Type Date): JP 96199028 A 19960729

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10051708	A		7	H04N-005/445	

Abstract (Basic): JP 10051708 A

The unit has a display part that applies a predetermined **video** process to the **input video** signal and then displays the **video** on the screen. The display of the **video** is controlled by a **remote control** part (9) with the **help** of the menu screen displayed. The contents of the menu screen is controlled by the screen synthesis part to display applicable page of description.

ADVANTAGE - Improves operativity. Enables quick and required change of **video** to be displayed. Enables change in language of displayed information.

Dwg.1/3

Title Terms: SCREEN; DISPLAY; UNIT; ELECTRONIC; DEVICE; COLOUR; **TELEVISION** ; **IMAGE** ; RECEIVE; **VIDEO** ; APPARATUS; REMOTE; CONTROL; PART; CONTROL; DISPLAY; BASED; MENU; SCREEN; CONTROL; SCREEN; SYNTHESIS; PART; DISPLAY; APPLY; PAGE; DESCRIBE

Derwent Class: T01; W03; W04

International Patent Class (Main): H04N-005/445

International Patent Class (Additional): G06F-003/14

File Segment: EPI

'22/5/23 (Item 23 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

010509126 \*\*Image available\*\*

WPI Acc No: 1996-006077/199601

XRFX Acc No: N96-005765

Help information presentation appts. for TV receiver, video appts. -  
has control unit assigned to display of help information based on

operation history information

Patent Assignee: TOSHIBA AVE KK (TOSA ); TOSHIBA KK (TOKE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7284034	A	19951027	JP 9469548	A	19940407	199601 B

Priority Applications (No Type Date): JP 9469548 A 19940407

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 7284034	A	13	H04N-005/445	

Abstract (Basic): JP 7284034 A

The appts. consists of a display screen (12) on which a predetermined **image** is displayed. The **image** is carried on to the screen, as a **video** signal. The display of the **image** such as menu, on the screen is controlled by a control unit (7). The history information from an **input** unit (9) and content information from a **remote control** (10) are stored in an operation history memory (16).

The operation history information is then supplied to a channel selection circuit (15). The channel selection circuit compares an operation history information with a reference value. Based on the comparison result, the supply of the display data from the channel selection circuit to the on-screen display control device is controlled.

ADVANTAGE - Eases operation with very limited amount of skill.  
Prevents reduction in **video** information.

Dwg.1/8

Title Terms: **HELP** ; INFORMATION; PRESENT; APPARATUS; **TELEVISION** ; RECEIVE  
; **VIDEO** ; APPARATUS; CONTROL; UNIT; ASSIGN; DISPLAY; **HELP** ; INFORMATION  
; BASED; OPERATE; HISTORY; INFORMATION

Derwent Class: T01; W03

International Patent Class (Main): H04N-005/445

File Segment: EPI

22/5/24 (Item 24 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

009713955 \*\*Image available\*\*  
WPI Acc No: 1993-407508/199351  
XRPX Acc No: N93-315428

Image **display appts. and remote control esp. for TV - allocates picture -in- picture area of screen for selection and execution of associated function(s) via mouse controller**

Patent Assignee: SONY CORP (SONY )  
Inventor: SAITOH M  
Number of Countries: 005 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 575185	A2	19931222	EP 93304755	A	19930617	199351 B
JP 6038128	A	19940210	JP 92185955	A	19920619	199411
EP 575185	A3	19940831	EP 93304755	A	19930617	199531
US 5452012	A	19950919	US 9370955	A	19930604	199543
			US 94337309	A	19941110	

Priority Applications (No Type Date): JP 92185955 A 19920619  
Cited Patents: No-SR.Pub; 1.Jnl.Ref; EP 355172; EP 403116; JP 3088159; WO 9206562

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 575185	A2	E	8	H04N-005/45	
Designated States (Regional): DE FR GB					
US 5452012	A		7	H04N-005/445	Cont of application US 9370955
JP 6038128	A			H04N-005/45	
EP 575185	A3			H04N-005/45	

Abstract (Basic): EP 575185 A

The appts. has a display screen with at least one predetermined area having a predetermined function allocated to it. The function is a **picture -in- picture** function for displaying a sub-screen either inside or outside a main-screen area. An indicator such as a remote mouse controller is used for indicating the predetermined area.

A controller activates the predetermined function when the sub-window is indicated by the mouse pointer and the associated setting **key** is clicked. A multi- **picture** processing unit allows the **picture -in- picture** display to be produced.

ADVANTAGE - Provides simple means of **inputting manual** control, esp. in conjunction with menu area.

Dwg.1/4

Title Terms: **IMAGE** ; DISPLAY; APPARATUS; REMOTE; CONTROL; **TELEVISION** ;  
ALLOCATE; **PICTURE** ; **PICTURE** ; AREA; SCREEN; SELECT; EXECUTE; ASSOCIATE;  
FUNCTION; MOUSE; CONTROL

Derwent Class: P85; T01; T04; W03

International Patent Class (Main): H04N-005/445; H04N-005/45

International Patent Class (Additional): G09G-005/14; H04N-005/262;  
H04N-005/265; H04N-005/44

File Segment: EPI; EngPI

Set	Items	Description
S1	14065070	HELP? OR ASSIST? OR WIZARD? OR MANUAL OR MANUALS OR GUIDE? OR INSTRUCT? OR HOW() "TO"
S2	7303199	CONNECTION? OR PORT OR PORTS OR JACK OR JACKS OR INPUT? OR OUTPUT? OR (IN OR OUT)() (PUT OR PUTS) OR CABLE() CONNECTION? OR SETUP? OR (SET OR SETTING OR SETS)() UP
S3	6345148	SCREENSHOT? OR IMAGE? OR PICTURE? OR GRAPHIC? OR SCREENCAP? OR SCREEN() (SHOT? OR CAP?) OR DRAWING? OR DIAGRAM?
S4	6039251	KEY? ? OR BUTTON? OR REMOTE() CONTROL? OR KEYPAD?
S5	5314054	TELEVISION? OR HOME() (THEATRE? OR THEATER? OR ENTERTAINMEN- T() (CENTER? OR CENTRE?)) OR VCR OR DVD() PLAYER? OR VIDEO
S6	281985	(DISPLAY? OR SHOW OR SHOWS OR SHOWING OR SHOWED OR VIEW?) (- 2N) (AREA? OR ASPECT? OR BACK? OR FRONT? OR S2)
S7	162273	S1(2N) (ASSEMBL? OR SETUP? OR (SET OR SETS OR SETTING)() UP - OR CONNECT? OR WIRING OR CABLE?)
S8	12824	(ONSCREEN? OR ON() SCREEN OR INERACTIV? OR GUI OR GRAPHICAL- ) (2N) (HELP? OR WIZARD? OR INSTRUCTION? OR HOW() "TO")
S9	125788	S5(2N) (ASSEMBL? OR FRONT OR REAR OR HARDWARE? OR CABLING OR CONNECTION? OR INPUT OR OUTPUT OR JACK? OR PORT? OR SETUP OR (SET OR SETTING OR SETS)() UP)
S10	3553	S1(10N) S9
S11	1	S10(5N) S8
S12	5	S10(S) S8
S13	5	S10(S) S3(S) S4(S) S5(S) S6
S14	1642	S2(S) S3(S) S4(S) S9
S15	27	S8(S) S4(S) S9
S16	35	S11 OR S12 OR S13 OR S15
S17	2381	S1(S) S9(S) (S3 OR S8)
S18	3	S7(S) S8(S) S9(S) S5
S19	383	S17(S) S5(S) S4
S20	418	S1(10N) S9(10N) (S3 OR S8) (10N) S5(10N) S4
S21	104	S1(5N) S9(5N) (S3 OR S8) (5N) S5(5N) S4
S22	79	S21(S) S2
S23	107	S11 OR S12 OR S13 OR S15 OR S16 OR S22
S24	59	RD (unique items)
S25	47	S24 NOT PY>2000
S26	47	S25 NOT PD>20001129
File 275:Gale Group Computer DB(TM) 1983-2004/Jul 21 (c) 2004 The Gale Group		
File 47:Gale Group Magazine DB(TM) 1959-2004/Jul 21 (c) 2004 The Gale group		
File 75:TGG Management Contents(R) 86-2004/Jul W2 (c) 2004 The Gale Group		
File 636:Gale Group Newsletter DB(TM) 1987-2004/Jul 21 (c) 2004 The Gale Group		
File 16:Gale Group PROMT(R) 1990-2004/Jul 21 (c) 2004 The Gale Group		
File 624:McGraw-Hill Publications 1985-2004/Jul 20 (c) 2004 McGraw-Hill Co. Inc		
File 484:Periodical Abs Plustext 1986-2004/Jun W4 (c) 2004 ProQuest		
File 613:PR Newswire 1999-2004/Jul 21 (c) 2004 PR Newswire Association Inc		
File 813:PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc		
File 141:Readers Guide 1983-2004/Jun (c) 2004 The HW Wilson Co		
File 696:DIALOG Telecom. Newsletters 1995-2004/Jul 20 (c) 2004 The Dialog Corp.		
File 553:Wilson Bus. Abs. FullText 1982-2004/Jun (c) 2004 The HW Wilson Co		
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jul 21 (c) 2004 The Gale Group		
File 674:Computer News Fulltext 1989-2004/Jun W4 (c) 2004 IDG Communications		
File 88:Gale Group Business A.R.T.S. 1976-2004/Jul 20 (c) 2004 The Gale Group		
File 160:Gale Group PROMT(R) 1972-1989		

(c) 1999 The Gale Group  
File 635:Business Dateline(R) 1985-2004/Jul 20  
(c) 2004 ProQuest Info&Learning  
File 15:ABI/Inform(R) 1971-2004/Jul 20  
(c) 2004 ProQuest Info&Learning  
File 9:Business & Industry(R) Jul/1994-2004/Jul 20  
(c) 2004 The Gale Group  
File 13:BAMP 2004/Jul W2  
(c) 2004 The Gale Group  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 610:Business Wire 1999-2004/Jul 21  
(c) 2004 Business Wire.  
File 647:CMP Computer Fulltext 1988-2004/Jul W2  
(c) 2004 CMP Media, LLC  
File 98:General Sci Abs/Full-Text 1984-2004/Jun  
(c) 2004 The HW Wilson Co.  
File 148:Gale Group Trade & Industry DB 1976-2004/Jul 21  
(c)2004 The Gale Group  
File 634:San Jose Mercury Jun 1985-2004/Jul 20  
(c) 2004 San Jose Mercury News

26/3,K/14 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

04061469 SUPPLIER NUMBER: 15131307 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Hi-Fi VCRs. (Evaluation)**  
Besteni, Barbara A.  
Video Review, v15, n1, p 44(9)  
Wntr, 1994  
DOCUMENT TYPE: Evaluation ISSN: 0196-8793 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 4305 LINE COUNT: 00310

... gold-plated for superior conductivity. It's too bad the PSVR81 only allows "assemble editing."

On - screen **Help** menus simplify programming, and a **Help button** on the **remote control** makes it easy to identify any problems you may have while **setting up** the **VCR** .

The audio will record in Stereo/Mono and playback in Hi-Fi, Linear, or Mix...

26/3,K/25 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

04601891 Supplier Number: 46768190 (USE FORMAT 7 FOR FULLTEXT)  
**Samsung selects San Diego for exclusive nationwide introduction of  
CompactTheatre at DOW Stereo/Video.**  
Business Wire, p10021367  
Oct 2, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 615

... PIP) mode -- 800 line horizontal resolution -- Digital comb filter  
for fine detail enhancement and reduced **picture** "noise" -- Low noise  
amplifier for clearer **picture** from weak broadcast signal -- Preset audio  
positions (movies/music/speech) -- MTS (stereo/S.A.P.) With dbx(R) noise  
reduction circuitry -- Front and **rear** S- **video** **inputs** -- Universal  
**remote control** (TV/ **VCR** /cable) -- Self-diagnostic message and **help**  
screen -- Dual front stereo headphone **jacks** (main and PIP) -- On-screen  
menu access from both front panel and remote  
Headquartered in...

26/3,K/30 (Item 1 from file: 141)  
DIALOG(R)File 141:Readers Guide  
(c) 2004 The HW Wilson Co. All rts. reserv.

03081067 H.W. WILSON RECORD NUMBER: BRGA95081067 (USE FORMAT 7 FOR  
FULLTEXT)

**Stand-alone StarSight.**

AUGMENTED TITLE: CB1500 receiver

Popular Electronics (1989) v. 12 (Nov. 1995) p. 11-12+

WORD COUNT: 2723

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... By selecting "StarSight setup" from the main menu, you are  
presented with step-by-step **on - screen instructions**, in which you are  
asked a series of questions about your TV source, your PBS...

...are on, you can check the state-by-state listings included in the  
owner's **manual** ), and your particular **video setup** (Do you have cable  
TV? With or without a cable box? TV only or TV...



26/3,K/38 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01649556 03-00546

**Manufacturers' showcase**

Anonymous

Incentive v172n6 PP: E4-E10 Jun 1998

ISSN: 1042-5195 JRNL CODE: IMK

WORD COUNT: 1387

...TEXT: on a Sony Hi-Fi Stereo VHS Video Cassette Recorder. The SLVM20HF model features TV **Guide** Plus+ Electronic Program **Guide** , Smart **Setup** , **VCR** Plus+ Timer Programming, auto head cleaner, Childloc (TM) Circuitry and multilingual **on - screen help** .

For a complete home entertainment setup, Sony's MXT4165 Home Entertainment System includes a 41inch...

26/3,K/41 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0674870 BW1018

HITACHI: Hollywood at Home; Getting the Biggest Bang for Your Big Screen  
Bucks

February 24, 1997

Byline: Computer/Electronics Editors and Entertainment Writers

...the computer industry are on-screen icons and menus. They make for quick recognition of **key** control areas (such as **Setup** , **Video** , Audio or Customize). One maker has taken the computer metaphor a step further with Plug And Play, a series of **on - screen diagrams** to **help** you **setup** your system.

One of the most popular convenience features on new rear projection televisions (and...